

Abstract

A vapor decontamination system for decontaminating a defined region. The system is comprised of a chamber defining a region, a generator for generating vaporized hydrogen peroxide from a solution of hydrogen peroxide and water and a device for the introduction of ozone. A closed loop circulating system is provided for supplying the vaporized hydrogen peroxide and the ozone to the region. A destroyer breaks down the vaporized hydrogen peroxide. A sensor and a controller controlling the device for the introduction of ozone are provided to maintain the ozone at the desired concentration.